

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(EL or electrolumines\$5) and (organic near insulat\$)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:36
		438/29,34.ccls. and (organic near insulat\$)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:34
		((EL or electrolumines\$5) and (ink-jet or inkjet)) and (organic near insulat\$)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:33
		438/29,34.ccls. and (TFT or (thin adj film adj transistor)) and pixel and (EL or electrolumines\$5) and (print\$ or (ink-jet or inkjet))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:19
		(TFT or (thin adj film adj transistor)) and pixel and (EL or electrolumines\$5) and (print\$ or (ink-jet or inkjet))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:35
		(((thin adj film adj transistor) or TFT) and (insulat\$3 with (substrate or surface or film or wafer)) and (insulat\$3 with organic) and (insulat\$3 with (inorganic or nitride or oxide or carbon)) and (pixel with electrode) and (electroluminescent or EL or (organic with semiconductor)) and (ink\$jet or inkjet or (ink adj jet))).CLM.	US-PGPUB	OR	ON	2007/05/07 17:51
S1	1	("5684365").PN.	USPAT; USOCR	OR	OFF	2007/05/07 17:05
S2	1	("6091194").PN.	USPAT; USOCR	OR	OFF	2001/03/14 12:37
S3	12	((TFT or (thin adj film adj transistor)) and pixel and (EL or electrolumines\$5) and (print\$ or (ink-jet or inkjet))) and (ink adj jet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/15 14:54
S4	20	((EL or electrolumines\$5) and (ink-jet or inkjet)) and (TFT or (thin adj film adj transistor))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 15:05
S5	411	tang-C\$.in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/15 15:18

## EAST Search History

S6	168	(EL or electrolumines\$5) and (ink-jet or inkjet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:32
S7	287	438/29,34.ccls.	USPAT	OR	OFF	2001/03/14 15:05
S8	564	(EL or electrolumines\$5) and alkali and diffusion	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 15:18
S9	2	(EL or electrolumines\$5) with alkali with diffusion	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 15:18
S10	3564	(ink-jet or inkjet) and piezo\$9	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:21
S11	386	piezoelectric near ink near jet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 16:21
S12	15	((EL or electrolumines\$5) and (organic near insulat\$) ) and (TFT or (thin near film near transistor))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/14 19:12
S13	1	("5643826").PN.	USPAT; USOCR	OR	OFF	2001/03/14 16:56
S14	1	ep-984492-\$.did.	EPO; DERWENT	OR	OFF	2001/03/14 19:20
S15	0	ep-984492-\$.did.	EPO	OR	OFF	2001/03/14 19:20
S16	1	ep-984492-\$.did.	DERWENT	OR	OFF	2001/03/14 19:20
S17	1	DE-19712233-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2001/03/15 13:03
S18	1	("5688551").PN.	USPAT; USOCR	OR	OFF	2001/03/15 15:18
S19	1508	(aluminum near oxide) with alkali	US-PGPUB; USPAT	OR	ON	2001/11/08 16:01
S20	1	(aluminum near oxide) with (alkali near diffusion)	US-PGPUB; USPAT	OR	ON	2001/11/08 16:07
S21	11	(diamond near3 carbon) with (alkali near diffusion)	US-PGPUB; USPAT	OR	ON	2001/11/08 16:09
S22	34	(diamond near3 carbon) with alkali	US-PGPUB; USPAT	OR	ON	2001/11/09 11:20

## EAST Search History

S23	35	(insulating near film) and penetrate and (alkali near metal)	US-PGPUB; USPAT	OR	ON	2001/11/09 08:46
S24	3	(insulating near film) and penetrate and (alkali near metal)and TFT	US-PGPUB; USPAT	OR	ON	2001/11/09 08:55
S25	0	(insulating near film) and penetrate adj (alkali near metal)	US-PGPUB; USPAT	OR	ON	2001/11/09 08:48
S26	0	(insulating near film) and (penetra?) and (alkali near metal)	US-PGPUB; USPAT	OR	ON	2001/11/09 08:50
S27	55	(insulating near film) and penetrat\$4 and (alkali near metal)	US-PGPUB; USPAT	OR	ON	2001/11/09 15:17
S28	2	(insulating near film) and penetrat\$4 near (alkali near metal)	US-PGPUB; USPAT	OR	ON	2001/11/09 08:51
S29	114	(inkjet or (ink near jet)) with nitrogen	US-PGPUB; USPAT	OR	ON	2001/11/09 13:46
S30	10	(inkjet or (ink near jet)) with (nitrogen near (atmosphere or gas))	US-PGPUB; USPAT	OR	ON	2001/11/09 11:26
S31	4	(pixel near electrode) with (Mg or magnesium)	US-PGPUB; USPAT	OR	ON	2001/11/09 13:48
S32	1	("4530750").PN.	USPAT; USOCR	OR	OFF	2001/11/09 15:17
S33	1	("4975338").PN.	USPAT; USOCR	OR	OFF	2002/08/27 11:58
S34	4	((("6198217") or ("6239470") or ("6251712") or ("6531713"))).PN.	USPAT; USOCR	OR	OFF	2003/04/02 17:42
S35	1688	(diamond adj like adj carbon) and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/03 12:18
S36	57	((diamond adj like adj carbon) and semiconductor) and electroluminescent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/03 12:18
S37	1	("5686360").PN.	USPAT; USOCR	OR	OFF	2003/08/04 16:49
S38	1	("6380672").PN.	USPAT; USOCR	OR	OFF	2005/08/29 16:41
S39	8	("20020074547" "20020075422" "20020100908" "20020179906" "20030134519" "5989945" "6114715" "6593591").PN.	US-PGPUB; USPAT	OR	ON	2006/02/22 17:55

## EAST Search History

S40	13	("20010001050" "20020041926" "20020097363" "20020136823" "20020155215" "20030054186" "20040008311" "20050042477" "20050170096" "6072278" "6641651" "6730966" "6885148").PN.	US-PGPUB; USPAT	OR	ON	2006/02/22 17:57
S41	12	("20010001050" "20020041926" "20020097363" "20020136823" "20020155215" "20030054186" "20040008311" "20050042477" "20050170096" "6072278" "6642651" "6885148").PN.	US-PGPUB; USPAT	OR	ON	2006/02/22 17:57
S42	2	ep-445793-\$.did.	EPO; DERWENT	OR	ON	2006/02/23 11:37
S43	2	ep-1445793-\$.did.	EPO; DERWENT	OR	ON	2006/02/23 11:37
S44	12	("20010002703" "20010026125" "20020047120" "5218464" "5477357" "5491121" "5893730" "6243155" "6246179" "6310667" "6512504" "6618029").PN.	US-PGPUB; USPAT	OR	ON	2006/06/18 17:55
S45	6	((("5276380") or ("5650640") or ("6462722") or ("20050197031") or ("20050206313") or ("20050208863")).PN.	US-PGPUB; USPAT	OR	OFF	2006/07/10 12:55
S46	8	("20010002144" "20020079484" "20050041122" "20050264740" "5821003" "6335716" "6593990" "6927826").PN.	US-PGPUB; USPAT	OR	ON	2006/10/03 12:08
S47	1	("6057647").PN.	USPAT	OR	OFF	2006/10/03 11:38
S48	1	("20050197031").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/05 11:46
S49	1	("5477357").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/03 12:09
S50	1	("6618029").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/05 11:47
S51	894	TFT with (multi\$gate)	US-PGPUB; USPAT	OR	ON	2006/10/05 13:39
S52	130	S51 and glass and passivation and (EL with layer) and pixel and ink\$jet	US-PGPUB; USPAT	OR	ON	2006/10/05 11:50
S53	445	S51 and glass and passivation and (EL with layer) and pixel	US-PGPUB; USPAT	OR	ON	2006/10/05 14:09
S54	1	("6462722").PN.	USPAT	OR	OFF	2006/10/05 12:35
S55	1	("6462722").PN.	USPAT	OR	OFF	2006/10/05 12:35
S56	2	((("6100954") or ("5276380")).PN.	USPAT	OR	OFF	2006/10/05 12:35

## EAST Search History

S57	295	inkjet and piezo and (display with device)	USPAT	OR	ON	2006/10/05 13:40
S58	182	S51 and glass and passivation and (EL with layer) and pixel	USPAT	OR	ON	2006/10/05 14:09
S59	400	TFT and glass and passivation and (EL with layer) and pixel	USPAT	OR	ON	2006/10/05 14:17
S60	1047	TFT and glass and (EL with layer) and pixel	USPAT	OR	ON	2006/10/05 14:56
S61	1136	TFT and glass and (EL with layer) and electrode	USPAT	OR	ON	2006/10/05 15:08
S62	3470	TFT and glass and (EL with layer) and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 15:09
S63	1135	S62 and passivation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 15:09
S64	0	oled and tft and "liquid with crystal"	USPAT	OR	ON	2006/10/13 12:17
S65	521	oled and tft and (liquid with crystal)	USPAT	OR	ON	2006/10/13 12:17
S66	16	S65 and @ad<"19990101"	USPAT	OR	ON	2006/10/13 12:17
S67	1	("5684365").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/16 14:39
S68	26	active with matrix with LCD with (oled or (EL adj layer))	USPAT	OR	ON	2006/10/16 14:40
S69	5	("20030151568" "20030193493" "5250835" "5668379" "6359384").PN.	US-PGPUB; USPAT	OR	ON	2007/05/07 17:10
S70	1	("5838338").PN.	US-PGPUB; USPAT	OR	ON	2007/05/07 17:10
S71	1	("6888160").PN.	US-PGPUB; USPAT	OR	ON	2007/05/07 17:10